

IN THE SPECIFICATION:

Please substitute the following paragraph for the paragraph starting at page 5, line 25 and ending at page 6, line 15.

Particularly as an application to image display apparatuses, an image display apparatus using a combination of ~~an~~ a surface-conduction type electron-emitting device and a fluorescent substance which emits light upon irradiation of an electron beam has been studied, as disclosed in the USP 5,066,883 and Japanese Patent Laid-Open Nos. 2-257551 and 4-28137 filed by the present applicant. This type of image display apparatus using a combination of a surface-conduction type electron-emitting device and fluorescent substance is expected to exhibit more excellent characteristics than other conventional image display apparatuses. For example, compared with recent popular liquid crystal display apparatuses, the above display apparatus is superior in that it does not require any backlight because of a self-emission type and has a wide view angle.

Please substitute the following paragraph for the paragraph starting at page 35, line 20 and ending at page 36, line 6.

Figs. 8 and 9 show both a curve of  $y = x^\gamma$  for  $\gamma = 0.8$  and a straight line of  $\gamma = 1.0$ . When the frame rate is converted, the  $\gamma$  value of the fluorescent substance characteristic substantially falls within the range of 0.8 to 1.0. However, when no frame rate is converted, the  $\gamma$  value exceeds this range. That is, in Figs. 8 and 9, the change amount falls within  $\Delta xy = 0.03$  as far as the  $\gamma$  value falls within the range of 0.8 to 1.0. In ~~an~~ a limited application purpose such as a home TV receiver, the luminance characteristic corresponding to the electron irradiation

time for fluorescent substances can be regarded as a straight line as far as the  $\gamma$  value falls within the range of 0.8 to 1.0.